

ABSTRACT

A switching device receives two pairs of balanced signals and outputs one of the two pairs of the signals. The device is composed of two SPDT switches which share two control signals provided to the gates of the FET of the SPDT switches. The package of the device has eight external electrodes on the back side of the package. The eight external electrodes are configured so that they are aligned symmetrically with respect to the center line of the package. The device requires only a small package space and is suitable for mobile communication application such as cell phone accommodating CDMA and GPS signals.

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